# Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

*Once your PHILIPS purchase is registered, you're eligible to receive all the privileges of owning a PHILIPS product. So complete and return the Warranty Registration Card enclosed with your purchase at once, and take advantage of these important benefits.*

## Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your PHILIPS warranty.

## Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

## Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

**PHILIPS**

***Congratulations on your purchase, and welcome to the "family!"***

**Dear PHILIPS product owner:**

Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the PHILIPS "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome-and thanks for investing in a PHILIPS product.

Sincerely,

Lawrence J. Blanford

Lawrence J. Blanford
President and Chief Executive Officer

**P.S. Remember, to get the most from your PHILIPS product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!**

*Know these* **safety** *symbols*

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

**WARNING:** TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

**CAUTION:** To prevent electric shock, match wide blade of plug to wide slot, fully insert.

**ATTENTION**: Pour éviter les choc électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

### For Customer Use

Enter below the Serial No., which is located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

# IMPORTANT SAFETY INSTRUCTIONS
## Read before operating equipment

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This product may contain lead or mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.
16. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
    - **A.** The power supply cord or the plug has been damaged; or
    - **B.** Objects have fallen, or liquid has been spilled into the appliance; or
    - **C.** The appliance has been exposed to rain; or
    - **D.** The appliance does not appear to operate normally or exhibits a marked change in performance; or
    - **E.** The appliance has been dropped, or the enclosure damaged.
17. **Tilt/Stability** - All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinets design.
    - Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
    - Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
18. **Wall Mounting** - The appliance should be mounted to a wall only as recommended by the manufacturer.
19. **Power Lines** - An outdoor antenna should be located away from power lines.
20. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
    Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mats and supporting structure grounding of the lead-in wire to an antenna-discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See Figure below.
21. **Objects and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

*Congratulations on purchasing this Philips product.*
*We've included everything you need to get started.*
*If you have any problems, Philips reprensatives can help you get the most from your new product by explaining:*
- *Hookups*
- *First Time Setup, and*
- *Feature Operation.*

***For fast help, call us first !***
***1-800-531-0039***

*Thank you for making Philips a part of your home!*

⚠ This symbol informs that there are contents that **demand caution (including warnings)**.

⃠ This symbol indicates a **prohibited** matter.

❗ This symbol indicates something that **must be done**.

## ⚠ WARNING

**Ignoring this indication and improper handling could be the cause of personal injury such as a serious injury or death.**

⚠ When installing the plasma display or making angle adjustments, be sure to make a request for service with the dealer and ensure the work is performed according to this manual. Incorrect installation and angle adjustments may result in the plasma display falling and causing injury.

⃠ To prevent the plasma display from falling, the strength of the installation place and the method of fastening must support the combined weight of the plasma display and the mounting unit for an extended period of time as well as withstand earthquakes. Improper installation may result in the plasma display falling and causing injury. Be sure to observe the following matters.

- An electrical outlet should be used for the power supply of the plasma display. Direct connection to a power cable is dangerous and should not be used. Please use a power outlet that can be reached to allow the insertion and withdrawal of the power plug.
- Installation for Wooden Walls
  The load should by all means be carried by beams, and when the strength of the beams is insufficient, they should be strengthened. The installation should not be made to skirting or supporting members. The load should also be carried by beams when there is a steel beam suspended ceiling; installation should not be made to the ceiling suspension fittings.
- Installation for Concrete Walls
  Commercial anchors that are strong enough to easily support the load of the plasma display should be used.

❗ To ensure safety, bolts and screws must be tightened securely. Be sure to use the supplied parts for the brackets and the other fittings. Failure to do so may result in the plasma display falling and causing injury.

⚠ When aligning the grooves of the display fittings to the fixed unit, check to make sure that they are securely engaged. Failure to do so may result in the plasma display falling and causing injury.

⃠ Do not modify any parts. Failure to do so may result in the plasma display falling and causing injury.

⃠ Do not use any damaged parts. Failure to do so may result in the plasma display falling and causing injury. In the event that any parts are damaged, please contact the dealer.

⃠ This plasma display mounting unit is for use only with PHILIPS 50 inch plasma displays. Do not use with any other equipment since the equipment could fall and cause injury.

## ⚠ CAUTION

**Ignoring this indication and improper handling could cause injury to a person or damage to the surrounding household belongings.**

⃠ Do not obstruct the ventilation holes of the plasma display. Doing so will prevent the dissipation of heat and may result a fire. Do not use the plasma display in the following ways:
Do not install the plasma display in a tight place where ventilation is poor, place a cover on it, etc.

⃠ Do not install the plasma display in front of the vents of an air conditioner or heater, or in a place where there is strong vibration. Doing so may result in fire or electrical shock.

⃠ Do not install the plasma display in humid or dusty places, or where it will be exposed to greasy smoke or steam (such as near cooking equipment or humidifiers). Doing so may result in a fire. Do not use the plasma display outdoors. Doing so may result in a fire or electrical shock.

⃠ The plasma display shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on it.

❗ Leave sufficient space around the plasma display when installing it.
Failure to do so may load to head buildup within the display and could result in fire.

⚠ Hold the plasma display in place while attaching it to the unit. Failing to do so may lead to it falling and causing injury.

# Installation Location

**Avoid rooms with a lot of dust, humidity, greasy smoke, or tobacco smoke.**
Dirt will adhere to the surface of the display monitor screen and cause a deterioration in image quality.

**Avoid places in which the screen is exposed to direct sunlight or illumination light.**
When surrounding light hits the screen directly, the image appears washed out and is difficult to view.

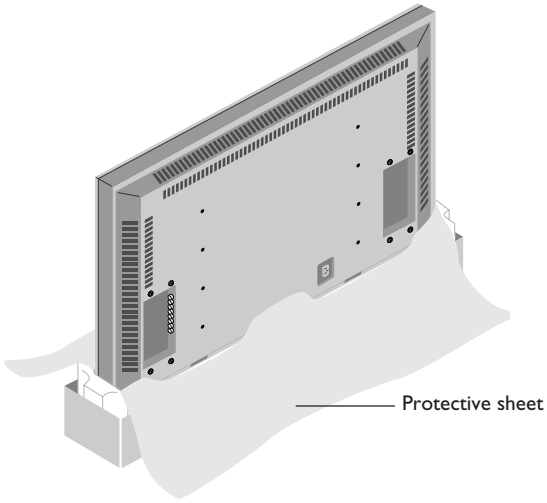
**Avoid places which reach high temperatures or low temperatures.**
Such extreme temperatures will cause breakdown.

## Unpacking and wall mounting instructions

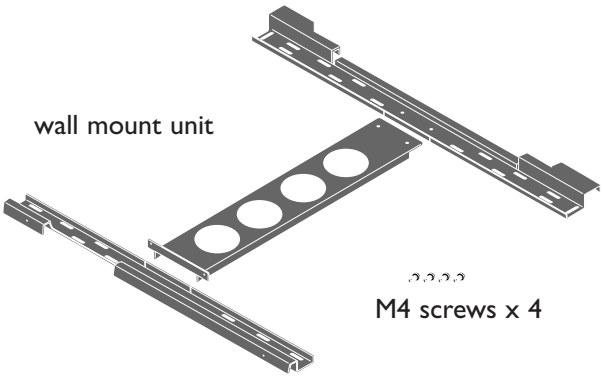
**Special technology is required in the mounting of the plasma display.**
**Such work should never be undertaken by the customer.**
For the safety of the customer, we ask that the installation work be started after careful attention is paid to the strength of the mounting location to be sure it will withstand the weight (about 101 Lbs) of the plasma display and mounting hardware.
Be sure that two or more persons engage in the installation work.
Be careful not to lose any of the removed screws or other parts.

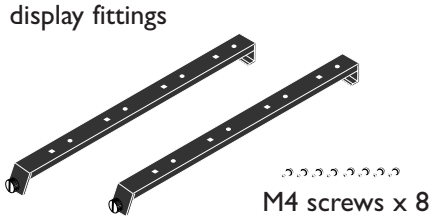
### Remove the packaging

1. Open the upper carton which packages the plasma display and remove the styrofoam.
2. Remove the upper carton and open the protective sheet.



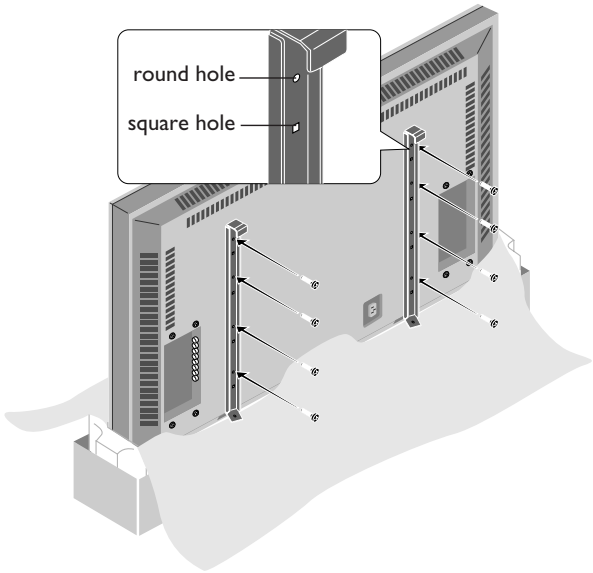

### Package parts list




### Attach the display fittings

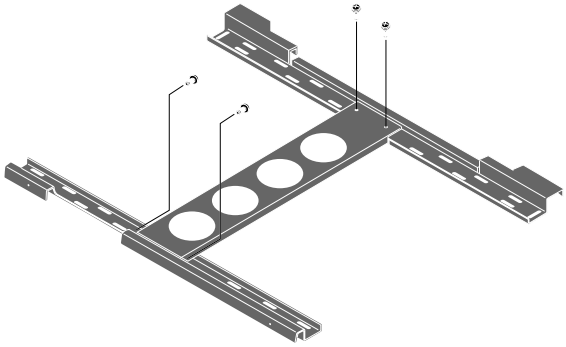
3. With the display standing in its packaging carton, align the round holes of the display fittings with the screw holes of the plasma display, then fasten the display fittings using the supplied screws.




Installation of the display fittings can also be performed by laying down the plasma display on a flat surface.
Remove the plasma display form the carton, place the protective sheet that was used in the packaging on a flat surface (which is larger than the display), then lay the display down on top of this with the screen surface facing downward.

## Assembling and mounting the wall mount unit

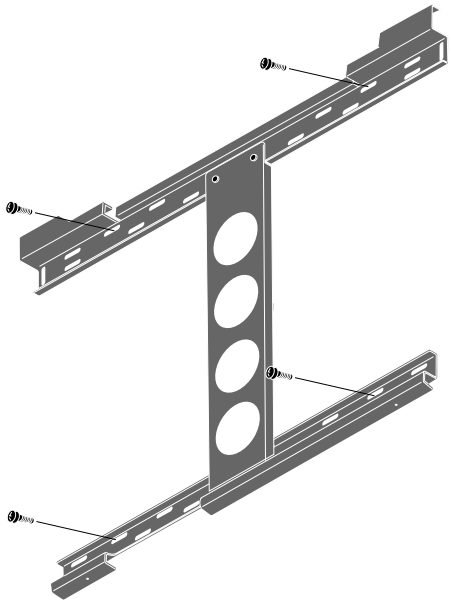
1. Securely fasten the upper and lower wall-side fittings to the middle wall-side fitting with the four supplied M4 screws.



2. Fasten the unit with commercial anchors or the four screws. Be sure that the anchors or screws are fastened at a position where there is a post.

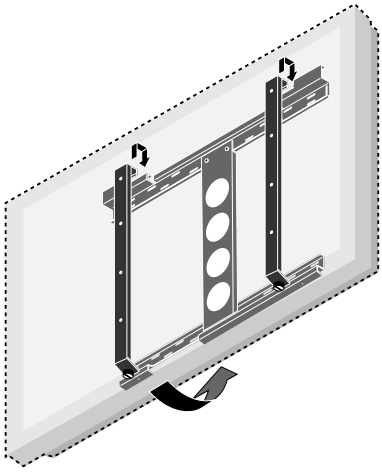
   *Note: Use anchors and screws to suit the various wall types. The enclosed template can be used for general positioning only.*

Make sure that the wall mount unit is being fixed securely enough so that it meets safety standards.



## Mounting the plasma display

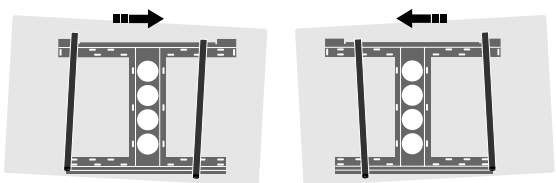
1. Mount the display (to which the display fittings have already been attached) to the wall mounting unit.



2. Fit the upper hooks of the display fittings into the grooves of the (upper) wall fittings and adjust for level positioning.

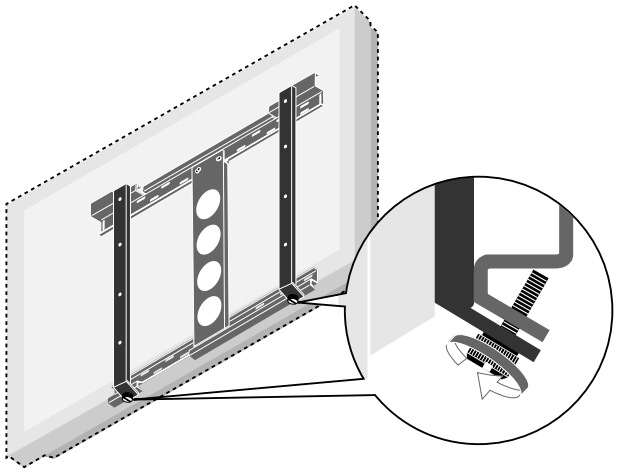
   *Note: It is recommended that the power cable and various signal cables be plugged into the display before mounting the display. After mounting the display, plugging in the cables may be difficult.*

   If the display is tilted to the left or right, the display fitting is not properly placed on the wall mounting unit. Slide in the direction of the lower side and adjust for level positioning.



3. Anchor the plasma display.
   Align the thumb screw, which is located at the bottom of the display fitting, with the hole of the (lower) wall-side fitting and tighten to anchor.
   Fasten securely until the screw ceases to turn.

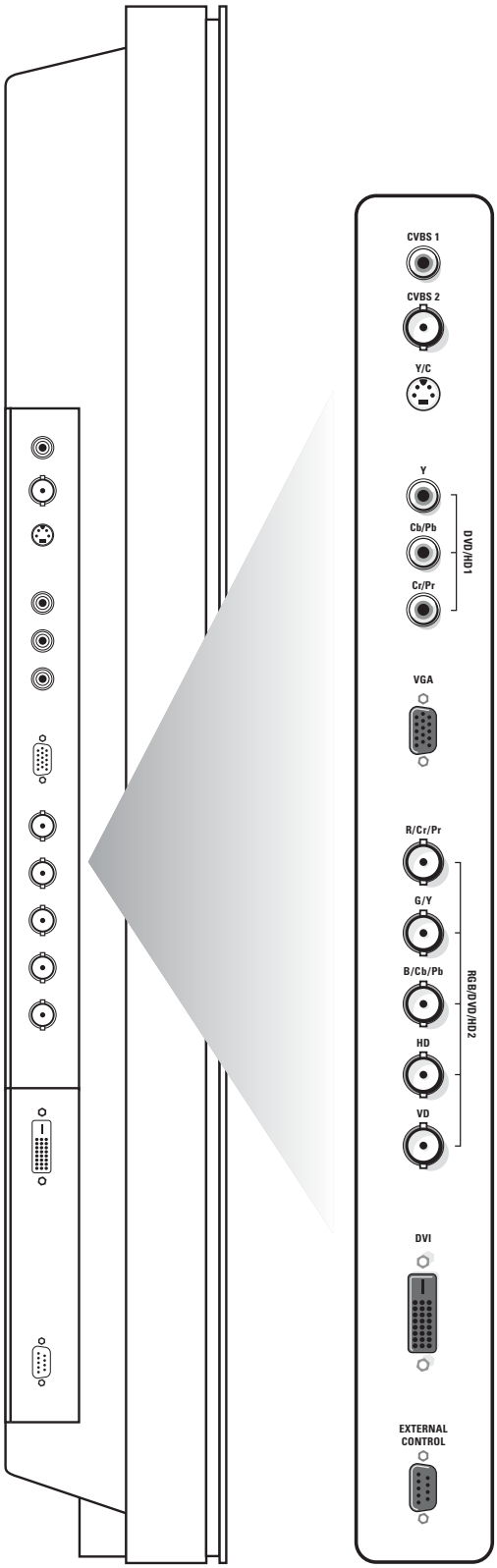
   To remove the display, loosen the thumb screws until they come out of the hole.
   Pull the bottom portion of the display towards you and lift upward to release the display.



**CAUTION**

Firmly support the display when mounting it.
Failure to do so may result in the plasma display falling and causing injury.

## Connect Peripheral Equipment




You may connect 2 possible VGA sources (**RGB1** or **RGB3** Digital (**DVI**) and 3 possible video sources (**AV1**, **AV2** and **AV3**) to the left side of the monitor.

**AV1** Connect VCRs, DVDs or Laser Discs, etc. here.
CVBS 1 : cinch connector for Video CVBS
or CVBS 2 : BNC connector for Video CVBS
or Y/C 3 : S-Video connector for Y/C-SVHS video.

**AV2** Connect DVD, HD, DTV or Laser Discs, etc. with YPbPr connectors.

**VGA** Input for analog RGB signal of PC, etc.

**AV3** Connect DVDs, HD or Laser Discs, etc. here.
Use the 5 BNC connectors for RGB input.
Use the R/PrG/YB/Pb connectors for component input.
Use the R/PrG/YB/Pb and HD connectors for RGB input with composite sync (scart).

**DVI** Inputs a PC with a digital RGB signal.

**RS 232c Serial I/O port**
This connector allows you to control your monitor via external equipment (e.g. PC) and a replacement of the remote control

## Connect your computer

Note: When you connect a computer to this monitor, attach the supplied ferrite cores. If you do not do this, this monitor will not comply with the mandatory CE or C-Tick standards.

1. Set the (large) ferrite core on one end of the power cable (supplied).
2. In case of a computer with a digital RGB output set the (small) ferrite cores on both ends of the DVI cable (not supplied).
3. Click the lids tightly until the clamps click.
4. Use the bands to secure the ferrite cores.

**Directly to the plasma display**

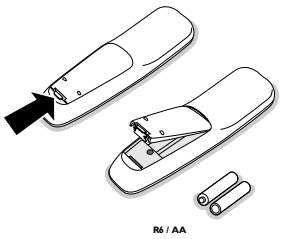
1. Connect one end of a VGA cable supplied to the video card of the computer and the other end to the **RGB1** (or to **RGB3 Digital DVI** in case of a computer with a digital **RGB** output) connector at the rear side of the monitor. Fix the connectors firmly with the screws on the plug.
See Table of Signals Supported, p. 14.
2. In case of a Multimedia computer, connect the audio cable to the audio outputs of your computer and to the audio inputs of an additional audio receiver.

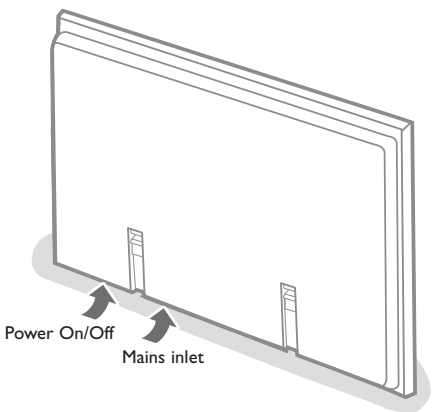
**To an electronic receiver box**

See the handbook of the receiver box.

1. Connect one end of a VGA cable to the video card of the computer and the other end to the **VGA IN** connector at the rear side of the receiver box. Fix the connectors firmly with the screws on the plug.
2. In case of a Multimedia computer, connect the audio cable to the audio outputs of your computer and to the **AUDIO VGA IN R** (right) and **L** (left) inputs of the receiver box.

## Operation




1. **Insert the mains plug** supplied into the mains inlet at the bottom of the monitor and in the wall socket. For safety, please, only use the supplied rim-earthed mains cord which has to be inserted in a grounded socket.
2. **Remote control:** remove the cover of the battery compartment.
Insert the 2 batteries supplied (Type LR6/AA-1.5V).
*The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless in many countries batteries may not be disposed of with your household waste. Please check on how to dispose of batteries according to local regulations.*
3. Make sure that your receiver box and/or PC are switched on and that your PC is in the correct display mode (see p. 14).
4. **Switch the plasma display on :** Press the power button ⏻ at the bottom side of the monitor.
A green indicator lights up and the screen comes on.
When the plasma display does not receive a supported **VGA** signal or is not connected to a receiver box, the screen switches to standby and the red indicator lights up.
**Warning: The Power On/Off switch does not disconnect the plasma display completely from the mains.**

**VGA**
press repeatedly to select your computer connected to the **VGA** or to the **DVI** (digital RGB) connector.

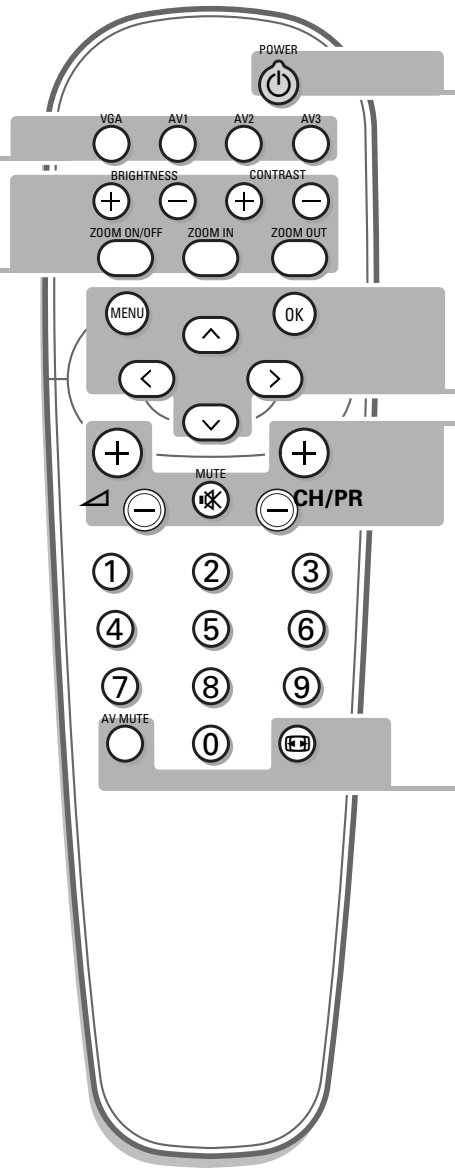
**AV1**, **AV2**, **AV3**
press to select the peripherals connected to one of the **VIDEO** connectors (**AV1**), to the **COMPONENT INPUT (AV2) (Y/CbPb/CrPr)** or **RCrPr/GY/BCbPb/HD/VD (AV3)** connectors.

**BRIGHTNESS +/-**
to adjust the brightness level of the picture

**CONTRAST +/-**
to adjust the contrast level of the picture

**ZOOM ON/OFF**
to activate/de-activate the zoom function.

**ZOOM IN/OUT** to adjust the zoom factor and to change the magnification of the picture when zoom is activated.




to switch to standby or on again (Does not operate when **POWER/ STANDBY** indicator of the plasma display is off).

**MENU** to switch the menu on/off
cursor buttons to select your choice and to alter a selected adjustment.

**OK** to activate your choice

No function

**MUTE button**
No function

**CH/PR Program selection**
To browse through the sources selected.

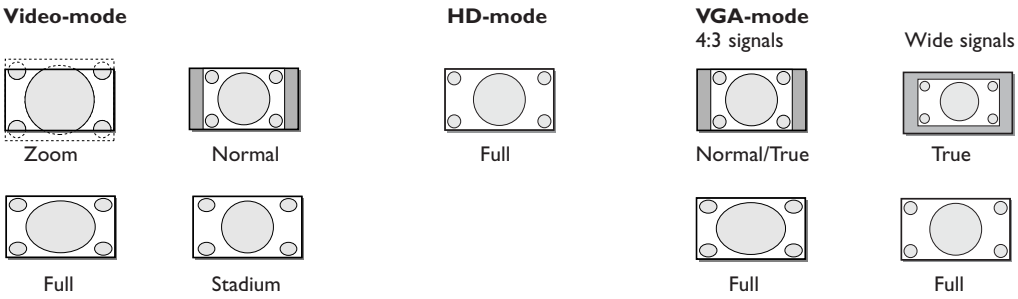
**AV MUTE** to mute the picture or restore it if the plasma display is used in the **VGA** mode).
When activated a green indicator starts blinking in front of the plasma display.

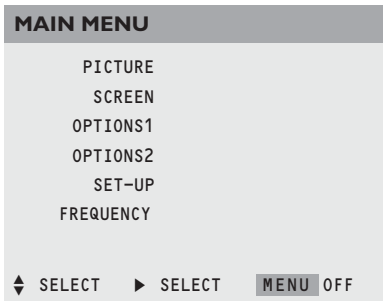
**Picture format**
Press the button to switch between the different picture formats.

## Picture format

Press the button to switch between the different picture formats.

*Note: When the setting of PICTURE SIZE in the OPTION2 menu, p. 12, is OFF, the picture format of RGB-input pictures will be TRUE in place of NORMAL.*



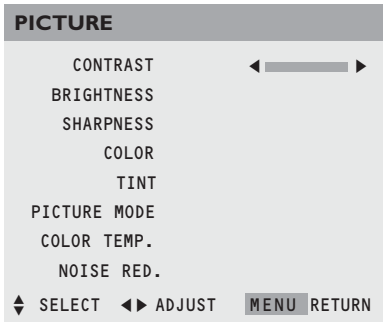



1. Press the **MENU** button on the remote control to display/cancel the **MAIN MENU.**
2. Use the cursor button in the up/down directions to select the menus.
3. Press the cursor right to access the menu.
4. Use the cursor button in the up/down directions to select the menu items.
5. In case of a slider, move the cursor left/right to adjust.
6. Press the **MENU** button repeatedly to return or to switch the menu off.

*Note: Only when in the US English language has been selected (see SET-UP menu, LANGUAGE, p. 13), the menu items will be displayed with additional icons.*

## Picture menu

*Note:*
- *In VGA mode only the CONTRAST, BRIGHTNESS, COLOR TEMP. and NOISE RED. can be adjusted.*
- *If the message "can not adjust" appears when trying to adjust the picture settings, be sure the PICTURE MODE is set to MEMORY.*




**Contrast**
This control allows you to adjust the contrast level of the picture.

**Brightness**
This control allows you to adjust the brightness level of the picture.

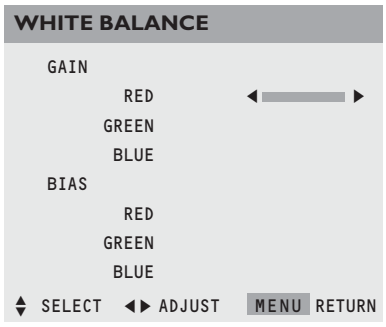
**Sharpness**
This control allows you to adjust the edge definition of a picture.

**Color** *(only available when the source is **AV1**, **AV2** or **AV3 Y/CbPb/CrPr**)*
This control allows you to adjust the saturation level of the colors to suit your personal preference.

**Tint** *(only available when the source is **AV1*** (NTSC only)***, AV2*** or ***AV3*** (Y/CbPb/CrPr))
This control allows you to compensate for the color variations in NTSC encoded transmissions.

**Picture mode**
This control allows you to select a picture mode according to the brightness of the environment in which you are viewing the pictures on the monitor display.
Press the cursor left/right to select **Theatre** in a dark room, **Normal** in a bright room, **Memory** to keep the picture adjustments you adjusted yourself, **Reset** to reset the picture to the settings predefined in the factory.

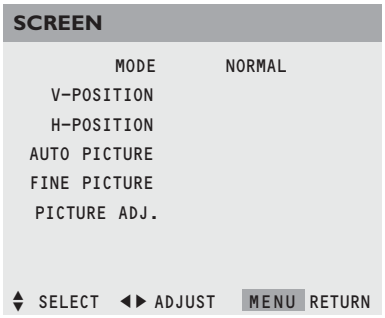
**Color temperature**
This control allows you to select the color temperature and the white balance of the picture.




1. Press the cursor left/right to select 1 (bluer), 2 (standard), 3 (redder) or PRO (white balance).
2. Select **PRO** to adjust the white balance for bright and dark pictures.
3. Press the **OK** button to display the **WHITE BALANCE** menu.
4. Select and adjust Red-Green-Blue **Gain** to adjust the white balance for signal level.
   Select and adjust Red-Green-Blue **Bias** to adjust the white balance for black level.

**Noise reduction**
This control allows you to reduce the noise in the picture due to poor reception or poor picture quality.
Select **OFF, NR-1, NR-2** or **NR-3** according to the level of noise present.

*Note: Select RESET in the OPTION 1 menu, p. 11, to restore the predefined factory PICTURE settings.*

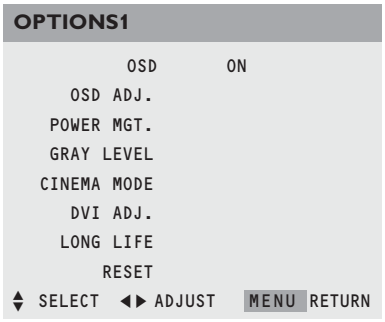


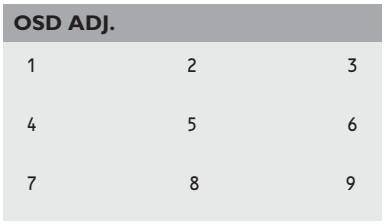

## Screen settings menu

In this menu you are allowed to adjust the position of the picture and to correct the flickering of the picture menu items.

*Note:*
- *The AUTO PICTURE, FINE PICTURE and PICTURE ADJ. menu items are not available with signals from a Video and a HD/DVD source.*
- *The menu items FINE PICTURE and PICTURE ADJ. are available only when you select AUTO PICTURE OFF.*
- *Select RESET in the OPTION 1 menu, p. 11, to restore the predefined factory PICTURE settings.*

1. Select **MODE** and press the cursor left/right to select a picture format (**NORMAL** or **FULL** in VGA-mode).
2. Select **AUTO PICTURE ON** or **OFF**. When having selected **ON**, the **PICTURE ADJ**. and **FINE PICTURE** adjustments are made automatically. When having selected **OFF**, the **PICTURE ADJ**. and **FINE PICTURE** adjustments can be made manually.
**FINE PICTURE** adjusts for flickering; **PICTURE ADJ.** adjusts for striped patterns on the picture.
3. Select **V-POSITION, H-POSITION** to adjust the position of the picture.
**V-POSITION** adjusts the vertical position,
**H-POSITION** adjusts the horizontal position,




## Options 1 menu

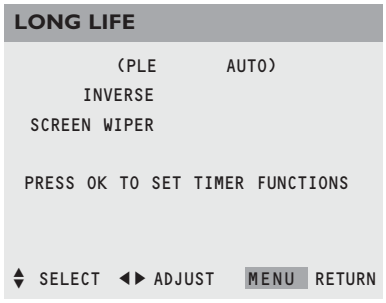
### OSD
Select **OSD OFF** if you do not want On screen information like input source, screen mode, etc. to appear on screen during presentation, etc.

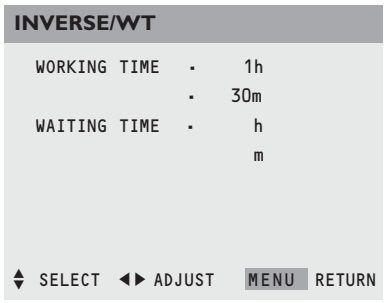
### OSD ADJ.
Select **OSD ADJ.** 1-9 to position the menus that appear on screen. The position can be set between 1 and 9.

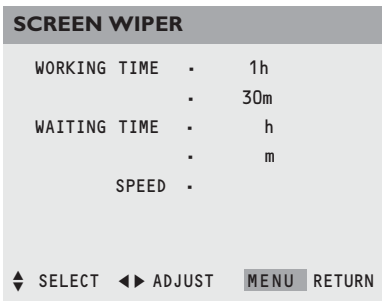
### POWER MGT. *(only in VGA mode)*
Select **POWER MGT. ON** to turn the power management function on. The power management function is an energy-saving function and automatically reduces the monitor's power consumption if the computer's keyboard or mouse in not operated for a certain time. (See also the computer's operating instructions).
*Note: if the computer's power is not turned on, the power management function is set to OFF.*

### GRAY LEVEL
This control allows you to set the gray level for the sides of the screen when a normal 4:3 picture mode is displayed. It adjusts the brightness of the black for the sides of the screen. The standard is 0 (black) and the level can be adjusted from 0 to 15. The predefined factory setting is 3 (dark gray).

### CINEMA MODE
Select **CINEMA MODE ON** to automatically discriminate and project the film image in a cinema mode suited to the picture (NTSC, PAL60, 480I, (60Hz) only).




### DVI ADJ

This control allows you to select the most appropriate setting when the picture input from the DVI input extension is distorted. Select 1, 2 or 3.
*Note: When you adjust the* **DVI ADJ***., the position of the menu display will change. In such a case, be sure to adjust the position.*

### LONG LIFE

This control allows you to select a setting to prevent or to reduce burn-in of the screen.

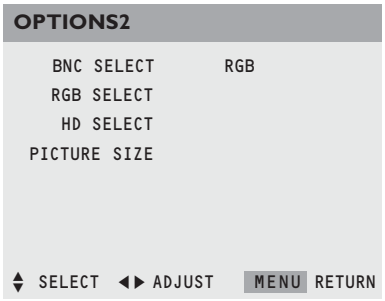
1. Select **LONG LIFE**.
2. Press the cursor right to enter the menu.
3. Select **PLE AUTO** or **LOCK** (only with VGA, RGB and DVI inputs).
   **AUTO** automatically adjusts the brightness of the screen to suit the picture quality.
   **LOCK** sets the brightness level to minimum.
4. Select **INVERSE ON**, **OFF or WT**.
   **ON** : the picture is displayed alternately between positive and negative image.
   **WT** : the entire screen turns white.
   **OFF** : the inverse mode does not function.
   When having selected **ON**, press the OK button to enter the **INVERSE/WT** menu and to set the timer functions.
   Select **WORKING TIME** and enter the hours (h) and minutes (m) with the cursor buttons to select the time the inverse mode has to be active.
   Select **WAITING TIME** and enter the hours (h) and minutes (m) with the cursor buttons to select the time after which the inverse mode should become active.
5. Select **SCREEN WIPER ON** or **OFF**.
   Select **ON** and press the OK button: a white vertical bar is moving from left to right over the screen to prevent burn-in.
   Set the timer functions (see the inverse mode) and the speed (from 1, fast, to 5, slow) with the cursor buttons in the **SCREEN WIPER** menu.

### RESET

This control allows you to reset all the **OPTION 1** and **2** settings to the predefined factory values and settings.

1. Select **RESET**.
2. Press the **OK** button.
3. Select **RESET**.

When the message **SETTING NOW** disappears, all the settings are restored to the predefined factory values.




## Options 2 menu

### Setting the BNC connectors

This control allows you to select whether to set the **AV3** input of the 5 BNC connectors to RGB or Component. See Connect Peripheral Equipment, p. 6.

1. Select **BNC SELECT** with the cursor up/down.
2. Press the cursor left/right to select:
   - **RGB** if you connected a device with RGB output (5 BNC connectors)
   - **SCART** if you connected a device with RGB with composite sync output via scart. (RGB connectors + HD connector)
   - **COMP** if you connected a device with component output (CrPrYCbPb connectors)

### Setting a computer image to the correct RGB select screen

This control allows you to select the most appropriate RGB Select mode for a moving image, such as video mode, wide mode or a digital broadcast.

1. Select **RGB SELECT** with the cursor up/down.
2. Press the cursor left/right to select one of the modes in order to display the following signals correctly:
   **AUTO** : automatically selects the suitable mode for the specifications of input signals as listed in the table "Computer input signals supported by this system", see p. 14.
   **STILL**: to display VESA standard signals. Use this mode for a still image from a computer.
   **MOTION**: the video signal will be converted to RGB signals to make the picture more easily viewable. Use this mode for a motion image from a computer.
   **WIDE 1**: when a 852 dot x 480 line signal with a horizontal frequency of 31.7 kHz is input, the image may be compressed horizontally. To prevent this, select **WIDE 1**.
   **WIDE 2**: when a 848 dot x 480 line signal with a horizontal frequency of 31.0 kHz is input, the image may be compressed horizontally.
   To prevent this, select **WIDE 2**.
   **DTV**: select this mode when watching digital broadcasting (480p).

### Setting high definition images to the suitable screen size

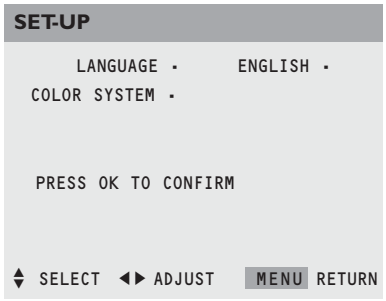
This control allows you to set whether the number of vertical lines of the input high definition image is 1035 or 1080.

1. Select **HD SELECT**.
2. Press the cursor left/right to select the correct HD mode:
   - 1080A for special digital broadcasts (e.g. DTC 100)
   - 1080B for standard digital broadcasts
   - 1035I for Japanese "High Vision" signal format.

### Setting the picture size for RGB input signals

This control allows you to select the picture size mode for RGB input signals **ON** or **OFF**.
**ON**: **NORMAL** and **FULL** can be selected for widescreen switching
**OFF**: **TRUE** and **FULL** can be selected for widescreen switching.

*Note: Select* **RESET** *in the* **OPTION 1** *menu to reset all the* **OPTION 1** *and* **2** *settings to the predefined factory values and settings.*




## Set-up menu

**Setting the menu language**

1. Select **LANGUAGE**.
2. Use the cursor left/right to select one of the languages which will be used to display the menus.
3. Press the **OK** button to confirm.

**Setting the video signal format**

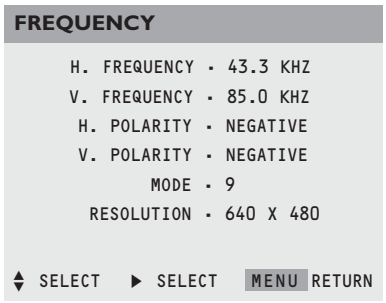
This control allows you to set the video signal format used in the country you are now located.

1. Use the cursor down to select **COLOR SYSTEM**.
2. Use the cursor left/right to select one of the different formats for video signals.

**AUTO1/2**: the video signals are automatically detected and the format is set accordingly.

**AUTO 1**: 3.58 NTSC, 4.43 NTSC, PAL, SECAM, PAL 60

**AUTO 2**: PAL-M, PAL-N, 3.58 NTSC
(Manual selection is also possible.)




## Frequency menu

This control allows you to check the frequencies the polarities and the resolution of the signals currently being input from a computer.

The menu items cannot be selected nor controlled and are displayed in English only.

## Table of Signals Supported

### Supported resolution

- When the screen mode is **NORMA**L, each signal is converted to a 1024 dots x 768 lines signal (except for *2,3,4).
- When the screen mode is **TRUE**, the picture is displayed in the original resolution.
- When the screen mode is **FULL**, each signal is converted to a 1364 dots x 768 lines signal (except for *3).

### Computer input signals supported by this system

| Model / Signal Type | Dots x lines | Vertical frequency (Hz) | Horizontal frequency (kHz) | Sync Polarity | | Presence | | Screen mode | | | RGB select*5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Horizontal | Vertical | Horizontal | Vertical | NORMAL (4:3) | TRUE | FULL (16:9) | |
| | 640 x 400 | 70.1 | 31.5 | NEG | NEG | YES | YES | YES*2 | YES | YES | –– |
| *IBM PC/AT compatible computers | 640 x 480 | 59.9 | 31.5 | NEG | NEG | YES | YES | YES | YES | YES | STILL |
| | | 72.8 | 37.9 | NEG | NEG | YES | YES | YES | YES | YES | –– |
| | | 75.0 | 37.5 | NEG | NEG | YES | YES | YES | YES | YES | STILL |
| | | 85.0 | 43.3 | NEG | NEG | YES | YES | YES | YES | YES | –– |
| | | 100.4 | 51.1 | NEG | NEG | YES | YES | YES | YES | YES | –– |
| | | 120.4 | 61.3 | NEG | NEG | YES | YES | YES | YES | YES | –– |
| | 848 x 480 | 60.0 | 31.0 | POS | POS | YES | YES | –– | YES | YES | WIDE2 |
| | 852 x 480*1 | 60.0 | 31.7 | NEG | NEG | YES | YES | –– | YES | YES | WIDE1 |
| | 800 x 600 | 56.3 | 35.2 | POS | POS | YES | YES | YES | YES | YES | STILL |
| | | 60.3 | 37.9 | POS | POS | YES | YES | YES | YES | YES | STILL |
| | | 72.2 | 48.1 | POS | POS | YES | YES | YES | YES | YES | –– |
| | | 75.0 | 46.9 | POS | POS | YES | YES | YES | YES | YES | –– |
| | | 85.1 | 53.7 | POS | POS | YES | YES | YES | YES | YES | –– |
| | | 99.8 | 63.0 | POS | POS | YES | YES | YES | YES | YES | –– |
| | | 120.0 | 75.7 | POS | POS | YES | YES | YES | YES | YES | –– |
| | 1024 x 768 | 60.0 | 48.4 | NEG | NEG | YES | YES | YES*3 | –– | YES | STILL |
| | | 70.1 | 56.5 | NEG | NEG | YES | YES | YES*3 | –– | YES | –– |
| | | 75.0 | 60.0 | POS | POS | YES | YES | YES*3 | –– | YES | STILL |
| | | 85.0 | 68.7 | POS | POS | YES | YES | YES*3 | –– | YES | –– |
| | | 100.6 | 80.5 | NEG | NEG | YES | YES | YES*3 | –– | YES | –– |
| | 1152 x 864 | 75.0 | 67.5 | POS | POS | YES | YES | YES | –– | YES | STILL |
| | 1280 x 768 | 56.2 | 45.1 | POS | POS | YES | YES | –– | –– | YES | WIDE1 |
| | 1360 x 765 | 60.0 | 47.7 | POS | POS | YES | YES | –– | –– | YES*3 | WIDE1 |
| | 1376 x 768 | 59.9 | 48.3 | NEG | POS | YES | YES | –– | –– | YES | WIDE2 |
| | 1280 x 1024 | 60.0 | 64.0 | POS | POS | YES | YES | YES*4 | –– | YES | STILL |
| | | 75.0 | 80.0 | POS | POS | YES | YES | YES*4 | –– | YES | –– |
| | | 85.0 | 91.1 | POS | POS | YES | YES | YES*4 | –– | YES | –– |
| | 1600 x 1200 | 60.0 | 75.0 | POS | POS | YES | YES | YES | –– | YES | –– |
| | | 65.0 | 81.3 | POS | POS | YES | YES | YES | –– | YES | –– |
| | | 70.0 | 87.5 | POS | POS | YES | YES | YES | –– | YES | –– |
| | | 75.0 | 93.8 | POS | POS | YES | YES | YES | –– | YES | –– |
| Work Station (EWS4800) | 1280 x 1024 | 60.0 | 64.6 | NEG | NEG | YES | YES | YES*4 | –– | YES | –– |
| | | 71.2 | 75.1 | NEG | NEG | YES | YES | YES*4 | –– | YES | –– |
| Work Station (HP) | 1280 x 1024 | 72.0 | 78.1 | –– | –– | –– | –– | YES*4 | –– | YES | –– |
| | | | | | | –– | –– | | | | |
| Work Station (SUN) | 1152 x 900 | 66.0 | 61.8 | C Sync | C Sync | –– | –– | YES | –– | YES | –– |
| | | 76.0 | 71.7 | C Sync | C Sync | –– | –– | YES | –– | YES | –– |
| | 1280 x 1024 | 76.1 | 81.1 | C Sync | C Sync | –– | –– | YES*4 | –– | YES | –– |
| Work Station (SGI) | 1024 x 768 | 60.0 | 49.7 | –– | –– | –– | –– | YES*3 | –– | YES | –– |
| | 1280 x 1024 | 60.0 | 63.9 | –– | –– | –– | –– | YES*4 | –– | YES | –– |
| IDC-3000G | | | | | | | | | | | |
| PAL625P | 768 x 576 | 50.0 | 31.4 | NEG | NEG | YES | YES | YES*6 | –– | YES*6 | –– |
| NTSC525P | 640 x 480 | 59.9 | 31.5 | NEG | NEG | YES | YES | YES*6 | –– | YES*6 | MOTION |

*1 Only when a graphic accelator board that is capable of displaying 852 x 480.
*2 This signal is converted to a 1228 dots x 768 lines signal.
*3 The picture is displayed in the original resolution.
*4 The aspect ratio is 5:4. This signal is converted to a 960 dot x 768 line signal.
*5 Normally the RGB select mode suite for the input signals is set automatically. If the picture is not displayed properly, set the RGB mode prepared for the input signals listed in the table above.
*6 Other screen modes (**ZOOM** and **STADIUM**) are available as well.

*Note:*
- *While the input signals comply with the resolution listed in the table above, you may have to adjust the position and size of the picture or the fine picture because of errors in synchronization of your computer.*
- *When a 1280 dot x 1024 line signal or 1600 dot x 1200 line signal is input to the monitor, the picture will be comprssed.*
- *This monitor has a resolution of 1365 dot x 768 line. It is recommended that the inpout signal should be XGA, wide XGA, or equivalent.*
- *With digital input some signals are not accepted.*
- *The sync may be disturbed when a nonstandard signal other than the aforementioned is input.*
- *If you are connecting a composite sync signal, use the HD terminal.*

**"IBM PCIAT" and "VGA" are registered trademarks of IBM, Inc. of the United States.*

FCC Compliance notice

This equipment has been tested and found to comply with the limits for a Class B equipment, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

**Ambient temperature**

Do not hang up the monitor above a central heating or other heating sources. If the power/standby indicator in front is red and blinking, the temperature inside the monitor has become too high and has activated the protector. The monitor will be turned off. Unplug the power cord and wait for the monitor to cool down.

**Care of the screen**

Clean the anti-reflex coated flat glass screen with a slightly damp soft cloth. Do not use abrasives solvents as it can damage the glass surface of the screen.

**Plasma Display characteristics**

**Caution**: A video source (such as a video game, DVD, or information channel) which shows a constant non-moving pattern on the monitor, can cause damage to the screen. When your Flat-Monitor is continuously used with such a source, the pattern of the non-moving portion of the game (DVD, etc.) could leave an image permanently on the screen. When not in use, turn the video source **OFF**.

To prevent or to reduce burn-in of the screen, select a LONG LIFE setting in the OPTIONS1 menu. See p. 11.

Very incidentally and after a longer period of unuse (approx. 1 year) the screen may display some strange colour deficiencies. This is quite normal for plasma displays and these effects will disappear after the set has been turned on for some time.

A plasma display consists of more than 1,2 Million color pixels. It is within industry standards that very few pixels (< 0.001%) may be defective, even for a new set. There is however no reason to doubt about the quality of the set.

The plasma display technology operates with rare gases which are being influenced by air pressure. Up to an altitude of 6526ft above sea-level (local air pressure equal or above 800 hPa), the display is functioning fine. Operating the set at a higher altitude (lower air pressure), the picture becomes unstable and the picture performance is deteriorating.

The plasma display might then also produce a humming sound. After bringing the set below 6526 ft (local air pressure equal or above 800 hPa) it works fine again. Transportation has no influence.

**Control of peripheral equipment**

The infrared radiation of the screen may influence the reception sensitivity of other peripherals. Solution: replace the batteries of the remote control or change position of other equipment. E.g. keep away a wireless headphone from within a radius of 4.92 ft.

**No stable or not synchronized VGA picture**

Check if you have selected the correct display mode in your PC. See Table of Signal Supported.

**No picture**

Are the supplied cables connected properly? (The power cable to the display, the VGA cables,...)
Is your PC switched on?
Do you see a black screen and the indicator in front of the monitor lights up green, this means that the display mode is not supported.
Switch your VGA source to a correct mode.

**Remote control**

If your monitor no longer responds to the remote control, the batteries may be exhausted.

**If your problem is not solved:**

Switch your monitor off and then on again.

**Never attempt to repair a defective monitor yourself.**

Check with your dealer or call a technician.

**Transport**

Keep the original packaging to transport the monitor if needed.

**End of life directives**

Philips is paying a lot of attention to produce environmentally-friendly in green focal areas. Your new monitor contains materials which can be recycled and reused.
At the end of its life specialized companies can dismantle the discarded monitor to concentrate the reusable materials and to minimize the amount of materials to be disposed of.
Please ensure you dispose of your old monitor according to local regulations.

**How to dispose of batteries ?**

The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless in many countries batteries may not be disposed of with your household waste. Please ensure you dispose of batteries according to local regulations.

**Miscellaneous**

. Ambient temperature: + 5~ + 40°C
. Maximum operating altitude:
  2000 m/6526 ft
  (min. air pressure 800hPa)
. Mains: AC 100-240V
. Standby consumption: 1 W
. Weight (excl. packaging)
  Display: 46 kg
. Dimensions (wxhxd):
  Display: 124,2 x 76,7 x 11 inch
. Wall mounting bracket included

**Settings are out of adjustment**

Select **RESET** in the **OPTION2** menu, p. 11 to restore the predefined factory settings.

# LIMITED WARRANTY

## COLOR TELEVISION

90 Days Free Labor

One Year Free Replacement of Parts (Two Years Free Replacement on Color Picture Tube)

This product can be repaired in-home.

### WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

### WHAT IS COVERED?

Warranty coverage begins the day you buy your product. *For 90 days thereafter,* all parts will be repaired or replaced free, and labor is free. From 90 days to one year from the day of purchase, all parts will be repaired or replaced free, but you pay for all labor charges. From one to two years from the day of purchase, you pay for the replacement or repair of all parts except the picture tube, and for all labor charges. After two years from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges.

All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

### WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product used for commercial or institutional purposes.

### WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

### MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

### BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

### TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Contact a Philips factory service center (see enclosed list) or authorized service center to arrange repair.

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

### FOR WARRANTY COVERAGE IN CANADA...

Note: Product Warranty coverage may vary between countries where product is distributed by Philips Consumer Electronics Company. In order to receive full and specific warranty details for products sold and serviced in Canada, please contact Philips at:

**1-800-661-6162** (from Canada - French Speaking)

**1-800-531-0039** (English and Spanish Speaking)

### REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

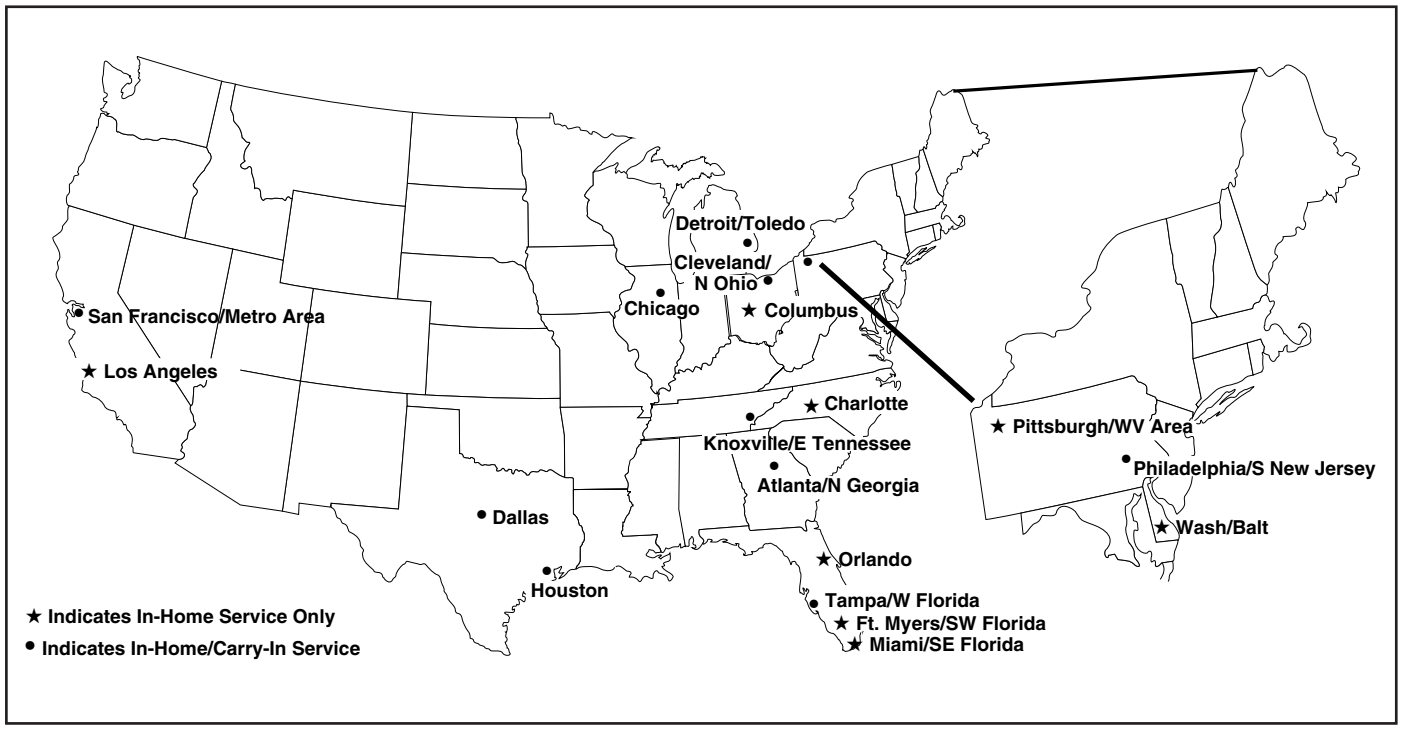
MODEL # _____

SERIAL # _____

*This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.*

**Philips Consumer Electronics Company, P.O. Box 520890, Miami, FL 33152, (402) 536-4171**

# FACTORY SERVICE LOCATIONS




**Note**: If you reside in one of our Philips Factory Service Branch areas (see directory on back), you can contact the nearest Service Branch to obtain efficient and expedient repair for your product. If your product is In-Warranty, you should have proof-of-purchase to ensure No Charge Service. For Out-of-Warranty service, call the location nearest you.

**Nota**: Si vous résidez dans une des régions desservies par une succursale de service après vente du fabricant Philips (voir liste ci-dessous), vous pourrez contacter la branche de service après vente la plus près de chez vous pour obtenir un service après vente rapide et efficace. Si le produit est sous garantie, il suffira de présenter une preuve d`achat pour bénéficier d'un service sans frais. Pour les produits non couverts par la garantie, contactez le center le plus près de chez vous.

**Nota**: Si Ud. reside en una de nuestras zonas para sucursales Philips de servicio al de fábrica (ver directorio más abajo), Ud. puede comunicarse con la sucursal de servicio más cercana para obtener una reparación oportuna y eficaz de su producto. Si su producto está todavía bajo garantía, Ud. debe presentar comprobante de compra para no ocasionar ningunos cargos por servicio. Para servicio después del vencimiento de la garantía, llame al lugar más cercano de los abajo indicados.

**In Canada**

How you can obtain efficient and expedient carry-in, mail-in, or in-home service for your product
Please contact Philips at 1-800-661-6162 (French speaking)
1-800-531-0039 (English or Spanish speaking)

**Au Canada**

Comment obtenir le service après-vente pour les produits apportés ou envoyés par la poste à notre center de service ou le service à domicile
Veuillez contacter philips á: 1-800-661-6162 (Francophone)
1-800-531-0039 (Anglais ou Espagnol)

**En el Canadá**

Cómo recibir servicio efficiente para su producto, en persona, por correo o a domicillo
Favor de comunicarse con Philips al: 1-800-661-6162 (Francés)
1-800-531-0039 (Inglés o Español)

# FACTORY SERVICE LOCATIONS

Qualiy service is as close as your telephone! Simply look over the list below for the number of a Factory Service Center near you. Your product will receive efficient and expedient carry-in, mail-in, or in-home service, and you will receive peace of mind, knowing youru product is being given the expert attetin of Philips' Factory Service.

Comment obtenir notre service après vente rapide et efficace soit par courrier, à domicile, ou en se présentant à un centre de service Philips. Plus de 600 centres de réception de produits à réparer à travers le pays: contacter le centre de service aux consommateurs le plus proche pour savoir l'emplacement de ces dépôts dans un rayon de 50 à 75 miles (80 km à 120 km) du centre de service local.

Cómo obtener un servicio oportuno y eficiente por correo, en casa o en persona para su producto a través de un centro Philips de servicio. Mas de 600 sitios por todo el país para la recepción de productos necesitados de reparaciones: comunicarse con el centro de servicio de fabrica mas cercano para estos lugares dentro de un radio de 80 a 120 km (50 a 75 millas) del centro de servicio local.

**ATLANTA**
Philips Factory Service
550 Franklin Road., Suite F
Marietta, GA 30067
800-273-1501

**CLEVELAND**
Philips Factory Service
950 Keynote Circle
Brooklyn Heights, OH 44131
800-331-7037

**CHICAGO**
Philips Factory Service
1279 W. Hamilton Pkwy.
Itasca, IL 60143
800-531-2922

**TAMPA**
Philips Factory Service
1911 US Highway 301 North
Tampa, FL 33619
800-442-2027

**DETROIT**
Philips Factory
25173 Dequindre
Madison Heights, MI 48071
800-438-1398

**KNOXVILLE**
Philips Factory Service
6700 D Papermill Rd.
Knoxville, TN 37919
800-821-1767

**SAN FRANCISCO**
Philips Factory Service
681 East Brokaw Rd.
San Jose, CA 95112
800-300-9103

**DALLAS-FORT WORTH**
Philips Factory Service
415 N. Main Street, #107
Euless, TX 76040
800-952-3254

**PHILADELPHIA**
Philips Factory Service
352 Dunks Ferry Rd.
Bensalem, PA 19020
800-847-9320

**HOUSTON**
Philips Factory Service
1110 N. Post Oak Rd., Suite 100
Houston, TX 77055
800-952-3254